

CLAIMS

1 1. A method comprising
2 receiving handwriting data electronically from a remote
3 user at a handwritten-information server, and
4 processing the handwriting data in accordance with
5 instructions provided to the server by the user.

1 2. The method of claim 1 in which the handwriting data is
2 generated using a handwriting device at the location of the remote
3 user.

1 3. The method of claim 1 in which the handwriting data is
2 generated by an electronic wireless pen.

1 4. The method of claim 1 also including
2 performing handwriting recognition at the site of the remote user.

1 5. The method of claim 1 also including
2 performing handwriting recognition at the handwritten-information
3 server.

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- 1 6. The method of claim 1 also including
- 2 at the location of the remote user, forming an electronic file
- 3 representing the handwritten information,
- 4 transmitting the handwritten information wirelessly to a
- 5 communication device, and
- 6 transmitting the electronically captured handwriting from the
- 7 communication device to the handwritten-information server.
- 1 7. The method of claim 1 in which the handwriting data
- 2 includes information identifying a destination of the handwriting
- 3 data.
- 1 8. The method of claim 1 in which the processing of the
- 2 handwriting data includes forwarding it to a destination.
- 1 9. The method of claim 8 in which the forwarding comprises
- 2 sending the handwriting data in FAX format.
- 1 10. The method of claim 8 in which the forwarding comprises
- 2 sending the handwriting data as an email attachment or in a body
- 3 of an email.
- 1 11. A method comprising
- 2 using a tracker attached to a mobile personal digital
- 3 assistant having wireless communication capability, tracking

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4 handwriting done on a writing surface in the vicinity of the
5 personal digital assistant,
6 sending handwriting data representing the handwriting
7 wirelessly from the personal digital assistant to a server, and
8 providing services to a user from the server with respect to
9 the handwriting data.

1 12. A method comprising
2 storing, in a server, handwriting information provided
3 wirelessly from mobile devices, and
4 communicating the handwriting to destinations based on
5 instructions provided by users.

1 13. A method comprising
2 storing in a server handwriting information received
3 wirelessly from mobile devices, and
4 providing an interactive user interface on a screen of a
5 mobile device to enable a user to control functions applied to the
6 handwriting information.

1 14. A method comprising
2 capturing handwriting of a name of an addressee of a
3 message as handwriting data representing motion that occurred
4 during the handwriting,

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5 communicating the handwriting data to a server,
6 at the server, determining the name from the handwriting
7 data using information stored in a database.

1 15. The method of claim 14 also including asking a user for
2 confirmation of the located address.

1 16. The method of claim 14 also including sending the message
2 to the located address.

1 17. The method of claim 14 in which the database includes
2 information provided by a user, the information in the database
3 linking names with corresponding addresses.

1 18. A method comprising
2 from a server, communicating handwriting data to remote
3 user devices, the handwriting data for each of the devices being
4 formatted according to display capabilities of the remote user
5 device.

1 19. A method comprising
2 receiving at a server handwriting data representing a
3 signature of a user of a remote device,
4 verifying the signature based on handwriting data
5 associated with the user and stored on the server, and

6 authorizing a transaction based on the verification of the
7 signature.

1 20. The method of claim 19 in which the authorizing includes
2 providing an authorization to a third party.

1 21. The method of claim 19 in which the transaction is
2 associated with a financial account of the user.

1 22. The method of claim 19 in which the receipt of the
2 handwriting data occurs after terms of the transaction have been
3 resolved.

1 23. The method of claim 19 in which the authorization is also
2 based on a unique identifier of a pen that is used to write the
3 signature.

1 24. The method of claim 19 also including authorizing the
2 transaction based on voice or speech recognition.

1 25. The method of claim 19 also including authorizing the
2 transaction based on a time stamp.

1 26. A method comprising
2 receiving and storing at a server handwriting information
3 that is created by users at remote locations and communicated
4 electronically to the server,

5 electronically performing services with respect to the stored
6 information, and

7 charging the users for the services performed.

1 27. A method comprising

2 receiving, at a server, handwriting data from a pen and a
3 pen identifier,

4 storing, at a server, an indication that the pen is in the
5 possession of a person not authorized to use it, and

6 in response to the received handwriting data and pen
7 identifier, determining that the pen is not being used by an
8 authorized person, and

9 taking an action in accordance with the result of the
10 matching.

1 28. A method comprising

2 receiving electronic handwriting data created by a user's
3 handwriting,

4 receiving instructions indicating visible qualities to be
5 associated with respective portions of the handwriting, and

6 manifesting the handwriting in a visible form in which each
7 of the respective portions of the handwriting is manifested in
8 accordance with the indicated visible qualities.

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1 29. The method of claim 28 in which the visible qualities
2 include color.

1 30. The method of claim 28 in which the instructions are
2 received from a handwriting instrument.

1 31. A method comprising

2 associating unique identifiers with respective electronic
3 handwriting devices that are useful in generating handwriting data,

4 in a server, storing the handwriting data and storing
5 associations between the unique identifiers of the devices and
6 registered unique identifiers of respective users, and

7 at the server, controlling use of the handwriting data based
8 on matching stored pairs of user identifiers and device identifiers
9 to confirm that the purported user of a device used to generate the
10 handwriting data is the registered user of the device.

1 32. Apparatus comprising

2 a mobile electronic device that includes

3 a communication facility configured to communicate with a remote
4 location, and

5 a tracking facility configured to track handwriting motion of a
6 stylus on a surface in a vicinity of the mobile electronic device.

1 33. The apparatus of claim 32 in which the mobile electronic
2 device comprises a mobile telephone.

1 34. The apparatus of claim 32 in which the mobile electronic
2 device includes a housing and the tracking facility is incorporated
3 within the housing.

1 35. The apparatus of claim 32 in which the mobile electronic
2 device includes a housing and the tracking facility is attached to
3 the housing.

1 36. The apparatus of claim 32 in which the mobile electronic
2 device includes a receptacle for a stylus.